

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): The use of A method for producing a membrane comprising forming said membrane from a copolymer A containing comprising

- a) from 50 to 99% by weight of at least one N-vinylactam or N-vinylamine selected from the group consisting of N-vinylpyrrolidone, N-vinylpiperidone, N-vinylcaprolactam, N-vinylimidazole, methylated N-vinylimidazole, and N-vinylformamide, and
- b) from 1 to 50% by weight of at least one monomer selected from the group consisting of
  - b1) C<sub>8</sub>-C<sub>30</sub>-alkyl esters of monoethylenically unsaturated C<sub>3</sub>-C<sub>8</sub> carboxylic acids;
  - b2) N-C<sub>8</sub>-C<sub>30</sub>-alkyl-substituted amides of monoethylenically unsaturated C<sub>3</sub>-C<sub>8</sub> carboxylic acids;
  - b3) N,N-C<sub>8</sub>-C<sub>30</sub>-dialkyl-substituted amides of monoethylenically unsaturated C<sub>3</sub>-C<sub>8</sub> carboxylic acids;
  - b4) vinyl esters of aliphatic C<sub>8</sub>-C<sub>30</sub> carboxylic acids; and
  - b5) C<sub>8</sub>-C<sub>30</sub>-alkyl vinyl ethers

~~to produce a membrane, the membrane comprising, as further component, and a hydrophobic polymers~~ polymer B selected from the group consisting of polysulfones, polycarbonates, polyamides, polyvinyl chloride, hydrophobically modified acrylic polymers, polyethers, polyurethanes, polyurethane copolymers, water-insoluble cellulose derivatives, and mixtures of such polymers thereof.

Claim 2 (Currently Amended): ~~The use A method as claimed in claim 1 or a wherein~~  
copolymer A containing comprises

- a) from 60 to 99% by weight of N-vinylpyrrolidone and
- b) from 1 to 40% by weight of at least one monomer selected from the group consisting of
  - b1) C<sub>8</sub>-C<sub>30</sub>-alkyl esters of monoethylenically unsaturated C<sub>3</sub>-C<sub>8</sub> carboxylic acids;
  - b2) N-C<sub>8</sub>-C<sub>30</sub>-alkyl-substituted amides of monoethylenically unsaturated C<sub>3</sub>-C<sub>8</sub> carboxylic acids;
  - b3) N,N-C<sub>8</sub>-C<sub>30</sub>-dialkyl-substituted amides of monoethylenically unsaturated C<sub>3</sub>-C<sub>8</sub> carboxylic acids;
  - b4) vinyl esters of aliphatic C<sub>8</sub>-C<sub>30</sub> carboxylic acids; and
  - b5) C<sub>8</sub>-C<sub>30</sub>-alkyl vinyl ethers.

Claim 3 (Currently Amended): ~~The use A method as claimed in claim 1 or 2 or~~  
wherein copolymer A containing comprises

- a) from 60 to 99% by weight of N-vinylpyrrolidone and
- b) from 1 to 40% by weight of at least one monomer selected from the group consisting of
  - b1) C<sub>12</sub>-C<sub>22</sub>-alkyl esters of monoethylenically unsaturated C<sub>3</sub>-C<sub>8</sub> carboxylic acids;
  - b2) N-C<sub>12</sub>-C<sub>18</sub>-alkyl-substituted amides of monoethylenically unsaturated C<sub>3</sub>-C<sub>8</sub> carboxylic acids;
  - b3) N,N-C<sub>12</sub>-C<sub>18</sub>-dialkyl-substituted amides of monoethylenically unsaturated C<sub>3</sub>-C<sub>8</sub> carboxylic acids;

- b4)      vinyl esters of aliphatic C<sub>8</sub>-C<sub>18</sub> carboxylic acids; and
- b5)      C<sub>8</sub>-C<sub>22</sub>-alkyl vinyl ethers.

Claim 4 (Currently Amended): ~~The use A method as claimed in any of claims 1 to 4~~  
~~claim 1~~, wherein the copolymer A is used in amounts of from 0.1 to 25% by weight, based on  
the total amount of polymers used.

Claim 5 (Currently Amended): ~~The use A method as claimed in any of claims 1 to 4~~  
~~claim 1~~, wherein the copolymer A is used in combination with one or more further polymers.

Claim 6 (Currently Amended): ~~The use A method as claimed in any of claims 1 to 5~~  
~~claim 1~~, wherein the hydrophobic polymers ~~polymer B are~~ ~~is~~ used in amounts of from 50 to  
99.9% by weight, based on the total amount of polymers used.

Claim 7 (Currently Amended): ~~The use A method as claimed in any of claims 1 to 6~~  
~~claim 1~~, wherein the membrane further comprises, as polymers ~~polymer C~~, hydrophilic  
polymers selected from the group consisting of polyvinylpyrrolidones, polyethylene glycols,  
polyethylene glycol monoesters, polyethylene glycol-propylene glycol copolymers, water-  
soluble cellulose derivatives, polysorbates, and mixtures ~~of such polymers thereof~~.

Claim 8 (Currently Amended): ~~The use A method as claimed in claim 7, wherein the~~  
~~hydrophilic polymers ~~polymer C are~~ ~~is~~~~ used in amounts of from 10 to 40% by weight, based  
on the total amount of polymers used.

Claim 9 (Currently Amended): A semipermeable, water-wettable membrane comprising at least one copolymer A formed from

- a) from 50 to 99% by weight of at least one N-vinyllactam or N-vinylamine selected from the group consisting of N-vinylpyrrolidone, N-vinylpiperidone, N-vinylcaprolactam, N-vinylimidazole, methylated N-vinylimidazole, and N-vinylformamide, and
- b) from 1 to 50% by weight of at least one monomer selected from the group consisting of
  - b1) C<sub>8</sub>-C<sub>30</sub>-alkyl esters of monoethylenically unsaturated C<sub>3</sub>-C<sub>8</sub> carboxylic acids;
  - b2) N-C<sub>8</sub>-C<sub>30</sub>-alkyl-substituted amides of monoethylenically unsaturated C<sub>3</sub>-C<sub>8</sub> carboxylic acids;
  - b3) N,N-C<sub>8</sub>-C<sub>30</sub>-dialkyl-substituted amides of monoethylenically unsaturated C<sub>3</sub>-C<sub>8</sub> carboxylic acids;
  - b4) vinyl esters of aliphatic C<sub>8</sub>-C<sub>30</sub> carboxylic acids; and
  - b5) C<sub>8</sub>-C<sub>30</sub>-alkyl vinyl ethers,

and, as a hydrophobic polymer component B, a polymer selected from the group consisting of polysulfones, polycarbonates, polyamides, polyvinyl chloride, hydrophobically modified acrylic polymers, polyethers, polyurethanes, polyurethane copolymers, cellulose acetates, cellulose nitrates, and mixtures thereof.

Claim 10 (Original): A membrane as claimed in claim 9, obtainable using a copolymer A in amounts of from 0.1 to 25% by weight.

Claim 11 (Currently Amended): A membrane as claimed in claim 9 or 10 comprising in addition a hydrophilic polymer C selected from the group consisting of polyvinylpyrrolidones, polyethylene glycols, polyglycol monoesters, copolymers of polyethylene glycol with propylene glycol, water-soluble derivatives of cellulose, polysorbates, and mixtures thereof.